

## Dividing Fractions by Fractions

Simplify.

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|--|--|--|
| 1. $1\frac{4}{5} \div \frac{1}{3}$ _____   | 2. $1\frac{2}{3} \div \frac{1}{8}$ _____   | 3. $3\frac{4}{7} \div 3\frac{1}{2}$ _____  |
| 4. $3\frac{4}{5} \div 1\frac{5}{7}$ _____  | 5. $\frac{2}{5} \div 4\frac{3}{5}$ _____   | 6. $4\frac{1}{8} \div \frac{3}{7}$ _____   |
| 7. $\frac{1}{2} \div \frac{2}{5}$ _____    | 8. $2\frac{4}{5} \div 4\frac{3}{4}$ _____  | 9. $\frac{5}{6} \div 1\frac{3}{4}$ _____   |
| 10. $1\frac{5}{7} \div 1\frac{2}{3}$ _____ | 11. $\frac{8}{9} \div \frac{1}{2}$ _____   | 12. $\frac{1}{4} \div \frac{2}{5}$ _____   |
| 13. $\frac{1}{3} \div 2\frac{1}{6}$ _____  | 14. $1\frac{4}{9} \div \frac{6}{7}$ _____  | 15. $1\frac{3}{4} \div \frac{4}{5}$ _____  |
| 16. $\frac{1}{3} \div \frac{2}{5}$ _____   | 17. $1\frac{1}{3} \div 1\frac{3}{4}$ _____ | 18. $\frac{1}{3} \div \frac{2}{7}$ _____   |
| 19. $\frac{1}{2} \div 3\frac{1}{4}$ _____  | 20. $2\frac{1}{4} \div 3\frac{4}{9}$ _____ | 21. $4\frac{2}{7} \div 1\frac{1}{6}$ _____ |
| 22. $\frac{4}{5} \div 3\frac{2}{5}$ _____  | 23. $1\frac{1}{5} \div \frac{1}{3}$ _____  | 24. $\frac{4}{5} \div \frac{1}{6}$ _____   |
| 25. $\frac{8}{9} \div 2\frac{5}{7}$ _____  | 26. $1\frac{1}{4} \div 2\frac{2}{3}$ _____ | 27. $\frac{1}{4} \div 1\frac{5}{9}$ _____  |
| 28. $\frac{1}{4} \div \frac{1}{4}$ _____   | 29. $1\frac{7}{8} \div 1\frac{1}{4}$ _____ | 30. $1\frac{3}{4} \div \frac{1}{5}$ _____  |
| 31. $4\frac{2}{7} \div 1\frac{1}{2}$ _____ | 32. $5\frac{1}{7} \div 2\frac{1}{2}$ _____ | 33. $1\frac{1}{9} \div \frac{1}{5}$ _____  |
| 34. $1\frac{1}{2} \div 1\frac{2}{3}$ _____ | 35. $\frac{7}{8} \div \frac{2}{7}$ _____   | 36. $1\frac{5}{8} \div \frac{5}{9}$ _____  |
| 37. $\frac{1}{4} \div \frac{4}{5}$ _____   | 38. $1\frac{1}{2} \div 3\frac{1}{2}$ _____ | 39. $1\frac{3}{5} \div \frac{1}{3}$ _____  |
| 40. $\frac{1}{2} \div 3\frac{5}{7}$ _____  | 41. $1\frac{1}{3} \div 1\frac{2}{3}$ _____ | 42. $1\frac{1}{2} \div 2\frac{3}{4}$ _____ |

43. **Measurement** A cake recipe calls for  $\frac{5}{8}$  of a cup of butter. One tablespoon equals  $\frac{1}{16}$  of a cup. How many tablespoons of butter are used to make the cake? \_\_\_\_\_

44. **Geography** One square mile equals  $\frac{1}{36}$  of a township. The area of Austin, Texas, is  $6\frac{4}{9}$  townships. Find the area in square miles. \_\_\_\_\_